



chisholm trail broadcasting co.

March 21, 1996

Mr. William F. Caton  
Acting Secretary  
Federal Communications Commission  
1919 M Street N.W.  
Washington, D.C. 20554

Reference: Petition to change the FM  
Table of Allotments

Dear Mr. Caton,


Submitted herewith is Chisholm Trail Broadcasting's petition and request for Rule Making for the Commission to amend the FM Table of Allotments, Section 73.202(b) assigning Channel #284C to Enid, Oklahoma.

As detailed in the enclosed Engineering Report, Enid, Oklahoma is listed in the 1990 U.S. Census with a population of 45,309 persons.

The proposed channel would be the third FM broadcast radio service for the community. The Engineering Report supports that Channel #284C will meet the necessary separation and city grade coverage requirements.

When the frequency is assigned to Enid and a filing window of opportunity opened, Chisholm Trail Broadcasting will make application for a construction permit and promptly build and place the station on the air.

Respectfully,

  
Hiram H. Champlin  
President

HC/lc

RECEIVED

kcrc-am  
knid-fm  
kxls-fm

MAR 25 1996

FCC MAIL ROOM

RECEIVED

FEB 25 1996

FCC MAIL ROOM

DOCKET FILE COPY ORIGINAL

No. of Copies rec'd  
List ABCDE

024

**CHISHOLM TRAIL  
BROADCASTING  
COMPANY  
PETITION FOR F.C.C.  
RULE MAKING  
AMENDING THE FM  
TABLE OF ALLOTMENTS**

**Section 73.202(b)  
ADDING CH.#284C1  
ENID, OKLAHOMA**

**March 7, 1996**

**LARRY P. WAGGONER**

*Broadcast Technical Consultant*

**1712 VALLEYVIEW CT.**

**WICHITA, KS 67212**

**(316) 722-3726**

# **Engineering Statement**

I, Larry P. Waggoner, have been retained by the Chisholm Trail Broadcasting Company to prepare this Engineering Study in support of their petition for F.C.C. Rule Making. The petition is to amend the FM Table of Allotments, Section 73.202(b) of the Commission's Rules, adding the additional assignment of Channel 284C1 to Enid, Oklahoma.

This assignment would be a third broadcast FM radio service for Enid. The city is listed in the 1990 U.S. Census as a community having a population of 45,309 persons and 21,680 households. Enid is the county seat of Garfield County Oklahoma. The total county population is 56,735 persons.

The Allotment Table 73.202(b) would be amended to read as follows:

OKLAHOMA

Enid                      245C1, 276C3, 284C1

The FM Spacing Study shows that Channel #284C1, 104.7 MHz, can be assigned to Enid with a site restriction 36.8 kilometers northwest of the city. The most distant city limit boundary from the allocation site is the southeast corner of the city, at the intersection of East 78th Street (N36 22 33-W97 45 56). This boundary point is 46.4 kilometers from the allocation site (N36 35 47-W98 12 18) on a bearing of 121.7 degrees. The city grade or 3.16 mv/m contour from a full power and height Class C1 station would extend, from the allocation site over the city, to a distance of 49.2 kilometers. The required city grade service would be provided to the city of Enid.

There would be other tower locations in the site restriction area that could also offer the required principal city coverage.

The FM Spacing Study, included in this report, shows that the closest spacings from the allocation site are to KNTL, Channel #285A, in Bethany, Oklahoma and to KLLS, Channel 283C2, in Augusta, Kansas.

This report shows that Channel #284C1, Enid, Oklahoma, can be added to the FM Table of Allotments. The FM separation for the channel is in compliance with Table A, 73.207(b)(1) of the Commission's Rules.

All statements and data presented in this report are true and accurate to the best of my knowledge and ability.

A handwritten signature in black ink, appearing to read "Larry P. Waggoner", is written over the printed name.

Larry P. Waggoner  
Broadcast Technical Consultant  
1712 North Valleyview Court  
Wichita, Kansas 67212-1245  
316-722-3726

FM Study for: KXLS  
 Location: ALVA, OK  
 Call City, State  
 Status Proponent

FCC Database Date: 2/96  
 Channel Class: C1  
 Chan Class Freq kW Latitude Dist. Required  
 File Number HAAT Longitude Azm. Clear (km)

-----  
 >>>>>>> Study For Channel 284 104.7 mHz <<<<<<<

KNTL	BETHANY, OK	285 A	104.9	3.00	35-29-58	132.67	133	
LIC	BOTT COMMUNICATIONS,	BLH-781211AU	91		97-37-08	156.4	-0.33	CLOSE
KNTL	BETHANY, OK	285 A	104.9	6.0	35-29-58	132.67	133	
APP	BOTT COMMUNICATIONS,	BPH-950606IF	100		97-37-08	156.4	-0.33	CLOSE
KLLS	AUGUSTA, KS	283 C2	104.5	45.0+	37-48-15	157.86	158	73.215
LIC	LESSO, INC.	BLH-941230KA	157		97-15-56	31.6	-0.14	CLOSE
KASRFM	PERRY, OK	286 A	105.1	6.0	36-14-15	85.1	75	
LIC	THE ANDOVER CORPORATI	BMLH-900427KA	100		97-21-59	117.7	+10.1	CLOSE
KYYI	BURKBURNETT, TX	284 C	104.7	100.	34-05-35	284.4	270	
LIC	SAM F. & PAMELA S. BE	BLH-881118KA	310		98-52-44	192.6	+14.4	CLOSE
ALLOC	WEWOKA, OK	284 A	104.7		35-04-52	223.9	200	
VAC		Docket-94-133	0		96-34-07	138.2	+23.9	CLEAR
First Come / First Served Allotment								
Site Restricted 11 km (6.8 mi) Southwest-Effective 07-03-95								
KYYI	BURKBURNETT, TX	284 C	104.7	.740	33-56-30	296.4	270	
LIC	SAM F. & PAMELA S. BE	BLH-941220KD	87		98-34-07	186.5	+26.4	CLEAR
KMGL	OKLAHOMA CITY, OK	281 C	104.1	99.	35-32-58	132.9	105	
LIC	KOFM, INC.	BLH-820830AH	415		97-29-18	150.7	+27.9	CLEAR
NEW	PAWHUSKA, OK	285 A	104.9	3.0	36-44-56	171.4	133	
APP	RHEMA MEDIA, LIMITED	BPH-941122MV	100		96-17-51	83.8	+38.4	CLEAR
*To Amend to Channel 280A per D94-100								
KXLK	HAYSVILLE, KS	287 C	105.3	100.	37-46-40	144.9	105	
LIC	MIDCONTINENT BROADCAST	BLH-850823KA	301		97-30-37	25.0	+39.9	CLEAR